



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS : Li, et al.

SERIAL NUMBER : 09/804,014

EXAMINER : Daniel M. Sullivan

FILING DATE : March 12, 2001

ART UNIT : 1636

FOR : NOVEL POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME

MAIL STOP AMENDMENT

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

TRANSMITTAL LETTER

Transmitted herewith for filing in the present application are the following documents:

1. Response to Office Action mailed January 16, 2004 (10 pgs.);
2. Petition for a Two-Month Extension of Time (1 pg.);
3. Check # 18836 in the amount of \$210.00;
4. Exhibits 1-6 (56 pgs total):
 - a) Exhibit 1: CLUSTALW Alignment (1 pg)
 - b) Exhibit 2: "Cell-based Assays and Instrumentation for Screening Ion-Channel Targets" (9 pgs);
 - c) Exhibit 3: U.S. Patent 6,087,488 (27 pgs);
 - d) Exhibit 4: "Genomic Organization, Chromosomal Localization, Tissue Distribution, and Biophysical Characterization of a Novel Mammalian Shaker-related Voltage-gated Potassium Channel, Kv1.7" (7 pgs);
 - e) Exhibit 5: "Molecular Targets Autoimmune and Genetic Disorders of Neuromuscular Transmission" (12 pgs);
 - f) Exhibit 6: "Sequence and Functional Expression in Xenopus Oocytes of a Human Insulinoma and Islet Potassium Channel" (5 pgs); and
5. Return Postcard.

This response is due on June 16, 2004, with a two-month extension of time. The Commissioner is authorized to charge any additional fees that may be due to Deposit Account No. 50-0311, Reference No. 15966-721. A duplicate copy of this transmittal letter is enclosed.

If the enclosed papers are considered incomplete, the Mail Room and/or the Application Branch is respectfully requested to contact the undersigned at 617/542-6000, Boston, Massachusetts.

Dated: June 16, 2004

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